1. Originator	2. Log Date:	3. CCR #:	4. Rev:	5. Tel:	6. Rm #:	7. Dept.
Derrick Clark	7/18/03	03-0511	—	301-925-1024	2028	SWIT

8. CCR Title: TE_6A.07_HEG.01

9. Originator Signature/Date	10. Class	11. Type:	12. Need Date: 18July03
Derrick Clark /s/ 07/18/03	II	CCR	

13. Office Manager Signature/Date	14. Category of Change:	15. Priority: (If "Emergency" fill in Block 27).
Louis Swentek /s/ 07/18/03	Other	Emergency

16. Documentation/Drawings Impacted *(Review and submit checklist):*	17. Schedule Impact:	18. CI(s) Affected:HEG

19. Release Affected by this Change: 6A	20. Date due to Customer: 18July03	21. Estimated Cost: None - Under 100K

22. Source Reference: ☒NCR (attach) ☐Action Item ☐Tech Ref. ☐GSFC ☐Other:

23. Problem: (use additional Sheets if necessary)
Heg tool does not handle data that crosses the international dateline properly. Lack of shortname in the metadata prevents user from using HEG

24. Proposed Solution: (use additional sheets if necessary)
Deliver TE_6A.07_HEG.01 to all DAACs. NCR 37567 Added functionality to handle data that crosses the international dataline. NCR 37800 Added functionality to have hegtool ignore warnings of no shortname in an Hdf-Eos file.

25. Alternate Solution: (use additional sheets if necessary)
Wait until next HEG delivery.

26. Consequences if Change(s) are not approved: (use additional sheets if necessary)
Identified HEG problems will continue.

27. Justification for Emergency (If Block 15 is "Emergency"):
NSIDC DAAC does not have a way to use the HEG capabilities as promised to the science community. Datapool orders are not completing in an appropriate amount of time which causes system resources to be unavailable.

28. Site(s) Affected: ☒EDF ☒PVC ☒VATC ☐EDC ☐ GSFC ☐LaRC ☒NSIDC ☐SMC ☐AK ☐JPL ☐EOC ☐ IDG Test Cell ☐Other

29. Board Comments:	30. Work Assigned To:	31. CCR Closed Date:

32. EDF/SCDV CCB Chair (Sign/Date): Evelyn N. Nakamura /s/ 07/18/03	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS

33. M&O CCB Chair (Sign/Date): Pamela Johnson /s/ 07/18/03	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS

34. ECS CCB Chair (Sign/Date):	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS

ADDITIONAL SHEET

CCR #: 03-0511   Rev: — Originator: Derrick Clark

Telephone: 301-925-1024   **Office:** 2028

Title of Change: TE_6A.07_HEG.01

Actions

ClearCase

Please make one SOL8 (sun5.8) tar file from the 6A07EBF1 baseline for the following binaries:

/ecs/formal/STAGE/OSS/bin/sun5.8/resample
/ecs/formal/STAGE/OSS/bin/sun5.8/hegtool

 Please name this tar file TE_6A.07_HEG.01

Block 22&23 continued from page 1

ECSed37567 SEV2 NSIDC Datapool HEG Orders impacting system resources
ECSed37800 SEV3 EDF Lack of Shortname stops user from using HEG.

 PATCH DEPENDENCIES --

   The new HEG tool can be installed on top of any previously delivered version of HEG.

DAAC Installation Instructions:

A. PRE-INSTALLATION:

1. Copy the *SOL8* tar files into the <staging_area>/SOL8 directory

2. Un tar the SOL8 tar file using the unix command tar -xfv

B. INSTALLATION:

1. login to the host where the .EcOsHg.pkg is installed (xxdps01)

2 cd /usr/ecs/<MODE>/CUSTOM/bin/OSS

cp <staging_area>/<SOL8>/resample   .
cp <staging_area>/<SOL8>/hegtool   .

chmod 775 resample hegtool

C. CONFIGURATION:

   None

D. DATABASE:

   None

E. POST-INSTALLATION:

None

IMPORTANT NOTES:

NONE